

Converting Colors

Hex(9966CC)

Have a look what the booklet for
Hex(9966CC) contains.

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Color

Hex(9966CC)

Conversions

Conversions Part 1

Format	Color
Hex	9966CC
RGB	153, 102, 204
RGB Percent	60%, 40%, 80%
CMY	0.4000, 0.6000, 0.2000
CMYK	0.25, 0.50, 0.00, 0.20
HSL	270°, 50%, 60%
HSV	270°, 50%, 80%
XYZ	28.7873, 20.6347, 59.5924
YIQ	128.8770, -2.3460, 42.5340

Conversions

Conversions Part 2

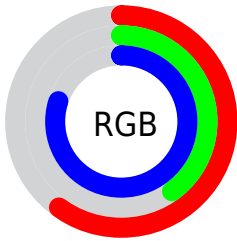
Format	Color
R_{YB}	153, 102, 204
Decimal	10053324
CIE _{Lab}	52.55, 40.32, -45.41
CIE _{LCh}	53, 60.728, 311.601
Yxy	20.6347, 0.2641, 0.1893
Android (android.graphics.Color)	4288243404 (0xFF9966CC)
YUV	128.8770, 37.0356, 21.1559
Hunter-Lab	45.4254, 33.6259, -45.9832

Details

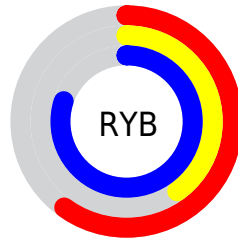
The Hex color **9966CC** is a light color, and the websafe version is hex **9966CC**, and the color name is **amethyst**. A complement of this color would be **99CC66**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D19AFF**, and **633595** is the 20% darker color. If you saturate the color by 10%, you get **8F52CC**, and if you desaturate by 10%, it is **A37ACC**.

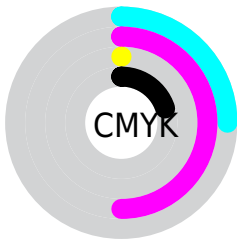
Distribution



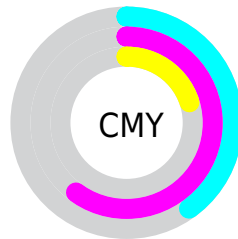
- Red (60%)
- Green (40%)
- Blue (80%)



- Red (60%)
- Yellow (40%)
- Blue (80%)



- Cyan (25%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9966CC changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9966CC by changing the saturation by 10% instead.

■ 9966CC

■ 9966CC

FFFFFF

■ 7E4DB0

■ D19AFF

■ 633595

■ EEB6FF

■ 481C7B

■ FFD2FF

■ 2E0261

■ FFEEFF

■ 140049

■ 000032

■ 00011C

■ 000000

■ 9966CC

■ 9966CC

8F52CC

A37ACC

853DCC

AD8FCC

7A29CC

B8A3CC

7014CC

C2B8CC

6600CC

CCCCCC

D6E0CC

E0F5CC

EBFFCC

F5FFCC

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



277DE4



9966CC



CA4FA0

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9966CC



B06F0A



009691

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9966CC



99CC66

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00935A



9966CC



848100

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9966CC



CF583A



498D27



0094C2

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9966CC



D8477D



498D27



00957F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9966CC



ECD9FF



6699CC



746980



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9966CC



B366FF



CC66CC



615C66



5300A6



130026

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CC6699



FF66B3



66CC66



665C61



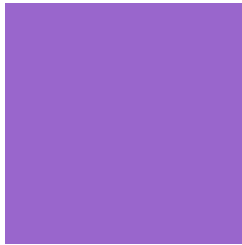
A60053



260013

Previews

White Background



This preview shows how the Hex color 9966CC looks on a white background.

Color Contrast Check

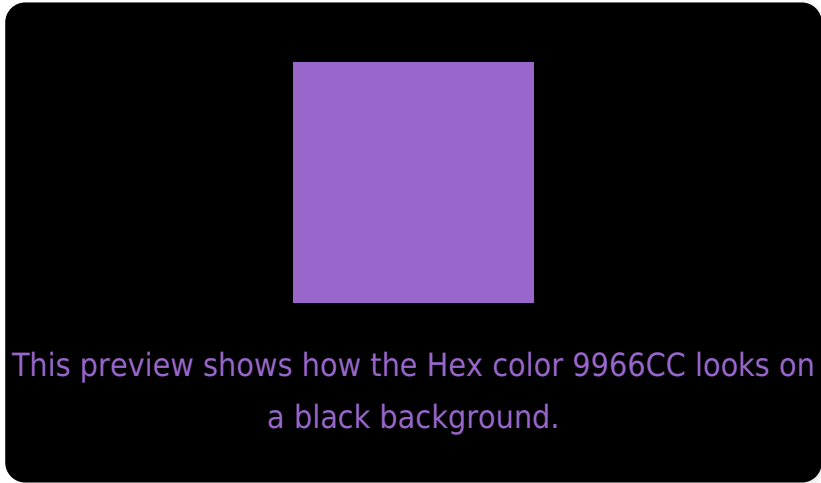
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

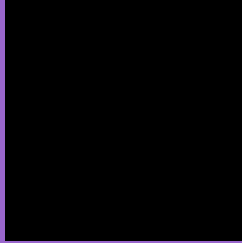
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9966CC Background



This preview shows how black text looks on a background with the Hex color 9966CC.

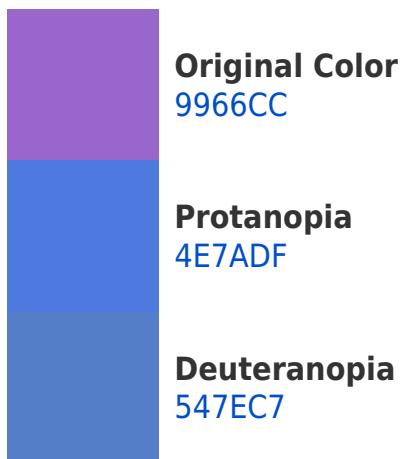


This preview shows how white text looks on a background with the Hex color 9966CC.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

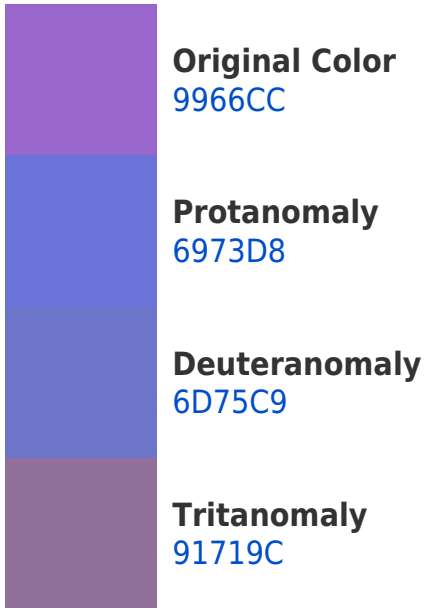
Dichromacy



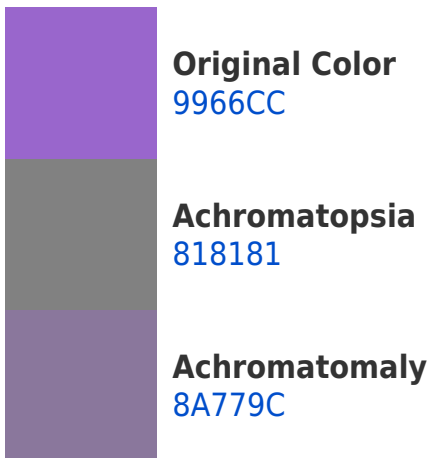


Tritanopia
8C7881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9966CC is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9966CC looks like.

```
.text, #text, p{  
    color:#9966CC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9966CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9966CC  
}
```

Border

The CSS property to change the border of an element to Hex 9966CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

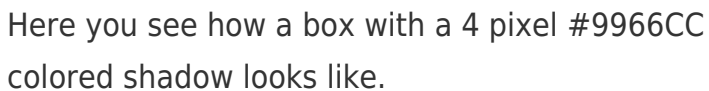
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9966CC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9966CC }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #9966CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9966CC; -webkit-box-shadow:4px 4px  
4px 4px #9966CC; box-shadow:4px 4px 4px  
4px #9966CC }
```

Background

The CSS property to change the background color of an element to Hex 9966CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9966CC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9966CC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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